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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

APRIL 30, 1991

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

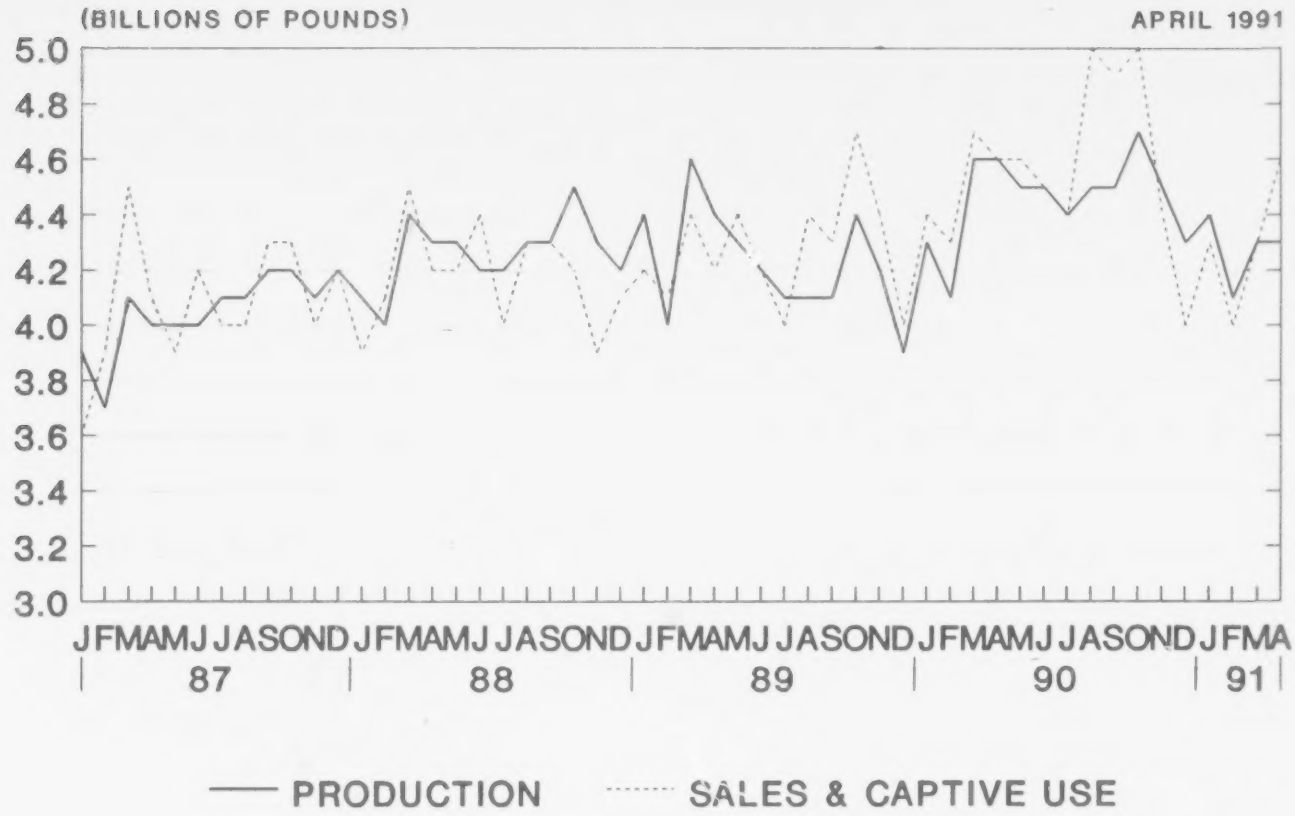
NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: June 13, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS



THE SOCIETY OF THE PLASTICS INDUSTRY, INC. CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1) APRIL 1991

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	41,606	41,165	1.1	160,104	158,728	0.9	34,984	42,197	-17.1	156,797	172,026	-8.9
POLYESTER (UNSATURATED) RESINS, TOTAL	97,410	113,373	-14.1	345,204	437,110	-21.0	96,779	112,654	-14.1	343,948	442,537	-22.3
UREA RESINS, TOTAL	127,416	137,000	-7.0	488,714	525,930	-7.1	127,289	137,511	-7.4	489,027	524,008	-6.7
MELAMINE RESINS, TOTAL	13,841	13,666	1.3	55,447	54,726	1.3	17,695	18,020	-1.8	65,914	63,745	3.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,029	273,676	-19.6	843,183 R	1,018,589	-17.2	216,333	272,457	-20.6	843,008 R	1,018,467	-17.2
THERMOSETTING RESINS, TOTAL	500,302	578,880	-13.6	1,892,652 R	2,196,083	-13.8	493,080	582,839	-15.4	1,898,694 R	2,220,783	-14.5
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	601,088	581,879	3.3	2,283,596	2,355,730	-3.1	566,153	636,414	-11.0	2,353,589	2,391,841	-1.6
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	393,778	395,563	-0.5	1,469,728	1,530,569	-4.0	347,282	308,578	12.5	1,378,391	1,191,703	15.7
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL (6)	778,617	721,683	7.9	2,840,476 R	2,746,552	3.4	753,531	697,249	12.1	2,849,337 R	2,606,200	14.0
POLYPROPYLENE, TOTAL (6)	711,750	667,738	6.6	2,690,440	2,744,121	-2.0	662,887	695,830	-4.7	2,714,009	2,749,283	-1.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	99,899	110,277	-9.4	342,423	397,451	-13.8	74,160	110,913	-33.1	323,514	373,476	-13.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,372	11,833	-29.2	36,695	41,531	-11.6	8,257	10,786	-23.4	37,923	41,448	-8.5
POLYSTYRENE RESINS, TOTAL	419,400	406,689	3.1	1,530,048	1,719,486	-11.0	385,202	414,461	-7.1	1,546,173	1,648,662	-6.2
STYRENE BASED LATEXES, TOTAL **	95,580	94,878	1.0	347,434	365,944	-5.1	87,829	90,641	-3.1	327,514	350,601	-6.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,258	13,418	-1.2	48,689	52,355	-7.0	11,283	12,658	-10.9	45,213	49,127	-8.0
NYLON RESINS (6)	49,470	47,024	5.2	196,526	183,072	7.3	46,917	47,024	-0.2	181,172	186,600	-2.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	744,658	789,271	-5.7	2,843,743	3,092,465	-8.0	680,727	776,055	-12.3	2,786,421	3,016,462	-7.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	14,405	14,583	-1.2	58,038	65,544	-11.5	12,695	17,510	-27.5	59,594	78,593	-24.2
THERMOPLASTIC POLYESTER, TOTAL (6)	188,887	159,960	18.1	654,176	608,355	7.5	179,261	167,856	6.8	640,809	604,569	6.0
THERMOPLASTIC RESINS, TOTAL	4,119,162	4,014,616	2.6	15,342,012 R	15,903,175	-3.5	3,816,184	3,985,975	-4.3	15,243,859 R	15,288,567	-0.3
GRAND TOTAL	4,619,464	4,593,496	0.6	17,234,664 R	18,099,258	-4.8	4,309,264	4,568,814	-5.7	17,142,353 R	17,509,350	-2.1

(1) = Except phenolic resins which are reported on a gross weight basis.

** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

R = Revision

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG	1991	1990	% CHG
EPOXY RESIN, TOTAL	41,606	41,165	1.1	160,104	158,728	0.9	34,984	42,197	-17.1	156,797	172,026	-8.9
Exports, Total	7,924	7,921	0.0	31,805	27,551	15.4						
Captive Use, Total	1,310	1,291	1.5	5,840	5,878	-0.6						
Domestic Sales, Total	32,372	31,953	1.3	122,459	125,299	-2.3						
Domestic Sales & Captive Use,Total	33,682	33,244	1.3	128,299	131,177	-2.2						
Bonding & Adhesives	2,174	2,376	-8.5	8,753	9,196	-4.8						
Flooring, Paving & Exposed Aggregate	2,392	2,291	4.4	8,726	9,154	-4.7						
Protective Coatings	17,149	16,709	2.6	63,313	63,566	-0.4						
Fiber Reinforced Laminates & Composites	6,375	6,660	-4.3	25,647	28,387	-9.7						
FRL&C for Printed Wiring Board	4,080	4,334	-5.9	15,951	18,916	-15.7						
All Other FRL&C	2,295	2,326	-1.3	9,696	9,471	2.4						
Tooling, Casting & Molded Resins	2,030	2,496	-18.7	8,500	8,616	-1.3						
All Other Uses	3,562	2,712	31.3	13,360	12,258	9.0						
POLYESTER (UNSATURATED) RESINS, TOTAL	97,410	113,373	-14.1	345,204	437,110	-21.0	96,779	112,654	-14.1	343,948	442,537	-22.3
Total Exports	1,753	2,150	-18.5	6,294	7,465	-15.7						
Total Domestic	95,657	111,223	-14.0	338,910	429,645	-21.1						
General Purpose Resins, Total	81,520	96,520	-15.5	287,188	371,964	-22.8						
General Purpose - Thixotropic	31,591	36,216	-12.8	104,676	141,077	-25.8						
General Purpose - Press Molding	10,926	12,507	-12.6	37,966	48,661	-22.0						
General Purpose - Panel	6,263	7,854	-20.3	26,046	29,155	-10.7						
General Purpose - All Other	32,740	39,943	-18.0	118,500	153,071	-22.6						
Flame Retardant Resins	1,590	1,943	-18.2	6,333	7,890	-19.7						
Chemical Resistant Resins, Total	12,547	12,760	-1.7	45,389	49,791	-8.8						
Chemical Resistant Isophthalic Resins	8,424	8,959	-6.0	30,636	35,631	-14.0						
All Other Chemical Resistant Resins	4,123	3,801	8.5	14,753	14,160	4.2						
Reinforced Plastic, Total	69,845	81,870	-14.7	245,057 R	318,711	-23.1						
Non-Reinforced Plastics, Total	25,812	29,353	-12.1	93,853 R	110,934	-15.4						

R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
UREA RESINS, TOTAL (E)	127,416	137,000	-7.0	488,714	525,930	-7.1	127,289	137,511	-7.4	489,027	524,008	-6.7
MELAMINE RESINS, TOTAL (E)	13,841	13,666	1.3	55,447	54,726	1.3	17,695	18,020	-1.8	65,914	63,745	3.4
UREA & MELAMINE RESINS, TOTAL (E)	141,257	150,666	-6.2	544,161	580,656	-6.3	144,984	155,531	-6.8	554,941	587,753	-5.6
Total Exports	D1	D1		D1	D1							
Total Domestic	141,257	150,666	-6.2	544,161	580,656	-6.3						
Textile Coating & Treating Resins	2,211	2,834	-22.0	6,760	11,757	-42.5	2,470	5,918	-58.3	7,864	17,045	-53.9
Paper Coating & Treating Resins	4,236	5,191	-18.4	17,821	18,493	-3.6	4,416	5,394	-18.1	18,500	18,981	-2.5
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	113,239	119,192	-5.0	439,980	461,666	-4.7	113,052	119,756	-5.6	439,521	462,123	-4.9
Laminating	1,312	1,470	-10.7	5,601	8,076	-30.6	1,317	1,605	-17.9	5,617	8,359	-32.8
Plywood	4,813	5,485	-12.3	19,957	18,949	5.3	4,906	5,670	-13.5	19,970	19,248	3.8
Fibrous & Granulated Wood (Particle Board)	107,114	112,237	-4.6	414,422	434,641	-4.7	106,829	112,481	-5.0	413,934	434,516	-4.7
Protective Coatings (Straight & Modified)	8,168	8,207	-0.5	32,261	31,237	3.3	12,613	12,534	0.6	45,060	41,543	8.5
All Other Uses	13,403	15,242	-12.1	47,339	57,503	-17.7	12,433	11,929	4.2	43,996	48,061	-8.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,029	273,676	-19.6	843,183 R	1,018,589	-17.2	216,333	272,457	-20.6	843,008 R	1,018,467	-17.2
Total Exports	1,067	2,649	-59.7	4,213	7,987	-47.3						
Total Domestic	218,962	271,027	-19.2	838,970 R	1,010,602	-17.0						
Molding Compounds	12,907	15,448	-16.4	51,218	57,429	-10.8	12,005	18,432	-34.9	51,830	66,144	-21.6
Bonding & Adhesive Resins for:	202,673	252,188	-19.6	775,152 R	940,415	-17.6	200,921	251,002	-20.0	777,603 R	939,395	-17.2
Laminating	12,597	16,674	-24.5	48,735	59,948	-18.7	12,668	16,439	-22.9	48,958	60,188	-18.7
Coated & Bonded Abrasives	D3	2,710		D3	9,607		D3	2,530		D3	9,371	
Friction Materials	3,717	4,281	-13.2	13,466	15,593	-13.6	2,039	3,776	-24.8	12,571	15,883	-20.9
Insulation Materials	28,503	37,438	-23.9	121,615	143,107	-15.0	28,097	37,672	-25.4	121,883	142,607	-14.5
Foundry & Shell Molding	6,026	6,819	-11.6	26,188 R	25,839	1.4	5,805	6,613	-12.2	26,118 R	25,261	3.4
Plywood	D3	D3		D3	D3		D3	D3		D3	D3	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	D3		D3	D3		D3	D3		D3	D3	
All Other	151,830	184,266	N/C	565,148	686,321	N/C	151,512	183,972	N/C	568,073	686,085	N/C
Protective Coatings - Unmodified & Modified	D2	D2		D2	D2		D2	D2		D2	D2	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	3,382	3,391	-0.3	12,600	12,758	-1.2	3,407	3,023	12.7	13,575	12,928	5.0

(E) = Estimate - Data include estimates for one company.
D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	601,088	581,879	3.3	2,283,596	2,355,730	-3.1	578,853	648,228	-10.7	2,399,743	2,447,079	-1.9
Imports, Total							12,700	11,814	7.5	46,154	55,238	-16.4
Exports, Total	104,108	58,556	77.8	429,180	269,761	59.1						
Domestic, Total	496,980	523,323	-5.0	1,854,416	2,085,969	-11.1	566,153	636,414	-11.0	2,353,589	2,391,841	-1.6
Film (12 Mils & Below)	287,914	308,979	-6.8	1,075,407	1,236,153	-13.0						
Packaging Film	191,720	207,146	-7.4	740,003	842,414	-12.2						
Food Packaging Film	90,674	94,618	-4.2	368,958	413,918	-10.9						
Non-Food Packaging Film	77,121	89,035	-13.4	291,956	334,390	-12.7						
Shrink Film	12,736	12,387	2.8	40,166	50,314	-20.2						
Stretch Film	11,189	11,106	0.7	38,923	43,792	-11.1						
Non-Packaging Film	96,194	101,833	-5.5	335,404	393,739	-14.8						
Carry-Out Bags	14,360	11,537	24.5	40,252	34,953	15.2						
Trash and Can Liners	27,949	33,462	-16.5	96,624	120,715	-20.0						
Other Non-Packaging Film	53,885	56,834	-5.2	198,528	238,071	-16.6						
Sheet (Over 12 Mils)	5,979	7,554	-20.8	21,726	23,994	-9.5						
Injection Molding	21,624	29,186	-25.9	75,348	124,675	-39.6						
Injection Molded Lids	4,053	6,542	-38.0	16,699	26,859	-37.8						
Injection Molded Housewares	3,600	3,610	-0.3	15,805	16,460	-4.0						
Other Injection Molding	13,971	19,034	-26.6	42,844	81,356	-47.3						
Wire and Cable	20,396	22,685	-10.1	75,113	80,650	-6.9						
Extrusion Coating	74,739	68,226	9.5	278,688	261,218	6.7						
Blow Molding	5,827	5,112	14.0	22,449	20,058	11.9						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	7,279	7,210	1.0	25,379	28,983	-12.4						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	55,404	45,827	20.9	208,579	181,556	14.9						
Resellers	37,723	32,885	14.7	147,614	127,877	15.4						
Compounders	17,681	12,942	36.6	60,965	53,679	13.6						
Adhesives and Sealants	12,880	9,342	37.9	44,205	37,067	19.3						
All Other Uses	4,938	19,202	-74.3	27,522	91,615	-70.0						

D2 = Disclosure: Included in All Other Uses.

D5 = Disclosure: Included in Other Extruded Products.

(6) = Sales Include Imports.

D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	393,778	395,563	-0.5	1,469,728	1,530,569	-4.0	405,310	377,004	7.5	1,593,341	1,470,976	8.3
Imports, Total	44,531	14,244	212.6	165,680	72,348	129.0	58,028	68,426	-15.2	214,950	279,273	-23.0
Exports, Total	349,247	381,319	-8.4	1,304,048	1,458,221	-10.6	347,282	308,578	12.5	1,378,391	1,191,703	15.7
Domestic, Total	226,397	253,219	-10.6	837,709 R	951,549	-12.0						
Film (12 Mils & Below)	97,918	103,437	-5.3	378,208 R	418,029	-9.5						
Packaging Film	17,035	17,100	-0.4	68,226 R	75,856	-10.1						
Food Packaging Film	38,315	58,934	-35.0	138,324 R	227,998	-39.3						
Non-Food Packaging Film	D10	D10		D10	D10							
Shrink Film	42,568	27,403	55.3	171,658 R	114,175	50.3						
Stretch Film	128,479	149,782	-14.2	459,501 R	533,520	-13.9						
Non-Packaging Film	22,028	20,326	8.4	82,088 R	83,088	-1.2						
Carry-Out Bags	87,864	99,266	-11.5	312,838 R	350,409	-10.7						
Trash and Can Liners	18,587	30,190	-38.4	64,575 R	100,023	-35.4						
Other Non-Packaging Film	1,719	3,602	-52.3	16,346	17,096	-4.4						
Sheet (Over 12 Mils)	45,390	42,875	5.9	174,532 R	159,462	9.5						
Injection Molding	15,429	15,023	2.7	56,181	60,778	-7.6						
Injection Molded Lids	24,348	18,524	31.4	91,551 R	62,618	46.2						
Injection Molded Housewares	5,613	9,328	-39.8	26,800	36,066	-25.7						
Other Injection Molding	11,716	12,782	-8.3	39,645	50,641	-21.7						
Wire and Cable	D5	D5		D5	D5							
Extrusion Coating	991	3,051	-67.5	4,427	11,186	-60.4						
Blow Molding	2,660	6,540	-59.3	12,896	21,351	-39.6						
Pipe and Conduit, Total	D	D		D	D							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	4,202	2,984	40.8	13,366 R	11,673	14.5						
Other Extruded Products	19,164	27,344	-29.9	66,032 R	111,375	-40.7						
Rotomolding	26,053	16,600	56.9	103,420	81,216	27.3						
Resellers & Compounders, Total	13,474	6,333	112.8	58,028	42,863	35.4						
Resellers	12,579	10,267	22.5	45,392	38,353	18.4						
Compounders	D2	D2		D2	D2							
Adhesives and Sealants	10,955	12,322	-11.1	35,675	42,672	-16.4						
All Other Uses												

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is included in Stretch Film.

(6) = Sales include Imports.

D = Disclosure
R = Revision

Compiled by Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940. TOTAL (5)	778,617	721,683	7.9	2,840,476 R	2,746,552	3.4	782,648	731,405	7.0	2,947,202 R	2,713,449	8.6
Imports, Total							29,117	34,156	-14.8	97,865	107,249	-8.7
Exports, Total	73,245	52,592	39.3	317,250 R	221,050	43.5						
Domestic, Total	705,372	669,091	5.4	2,523,226 R	2,525,502	-0.1	753,531	697,249	8.1	2,849,337 R	2,606,200	9.3
Film (12 Mils & Below)	80,843	85,132	-5.0	295,284 R	296,246	-0.3						
Packaging Film	19,710	22,962	-14.2	69,019 R	87,551	-21.2						
Food Packaging Film	12,730	16,104	-21.0	48,604	56,938	-14.6						
Non-Food Packaging Film	6,980	6,858	1.8	20,415 R	30,613	-33.3						
Non-Packaging Film	61,133	62,170	-1.7	226,265 R	208,695	8.4						
Retail Bags	53,588	49,345	8.6	186,688 R	166,583	12.1						
Grocery Sacks & T-Shirt Bags	26,713	26,488	0.8	89,420 R	87,155	2.6						
All Other Retail Bags	26,875	7,444	N/C	97,268 R	23,033	N/C						
Trash Bags/Can Liners	D9	15,413		D9	56,395							
All Other Non-Packaging Film	7,545	12,825	-41.2	39,577 R	42,112	-6.0						
Sheet (Over 12 Mils)	24,382	33,847	-28.0	96,389	126,736	-23.9						
Injection Molding, Total	142,881	127,966	11.7	516,387	495,229	4.3						
Pails (5 gallons or less)	41,379	37,407	10.6	156,591	143,608	9.0						
Housewares	11,160	7,595	46.9	36,591	33,636	8.8						
Food Tubs/Containers & Drink Cups	26,722	26,482	0.9	99,229	101,667	-2.4						
Crates and Totes	24,409	16,408	48.8	74,185	64,046	15.8						
Toys/Novelties/Sporting Goods	6,177	6,971	-11.4	21,444	21,723	-1.3						
Caps and Closures	7,492	8,104	-7.6	31,587	35,595	-11.3						
All Other Injection Molding	25,542	24,999	2.2	96,760	94,954	1.9						
Wire and Cable	12,247	15,177	-19.3	46,131	58,169	-20.7						
Blow Molding, Total	256,343	232,124	10.4	922,164 R	959,626	-3.9						
Motor Oil Bottles	16,837	17,904	5.2	56,784	76,70[illegible]	-26.0						
Liquid Food Bottles	83,445	77,138	8.2	313,776	317,519	-1.2						
Household Chemical Bottles	75,936	69,362	9.5	274,176	291,404	-5.9						
Industrial Drums	17,624	13,010	35.5	60,359 R	52,921	14.1						
Gas Tanks, All Uses	3,488	2,651	31.6	11,206	10,585	5.9						
Pharm., Cosmetics, & Toiletries	17,762	19,887	-10.7	69,016	77,366	-10.8						
All Other Blow Molding	39,251	32,172	22.0	136,847 R	133,131	2.8						
Pipe and Conduit, Total	57,113	59,825	-4.5	184,219 R	185,303	-0.6						
Corrugated	12,108	9,929	21.9	32,718	35,653	-8.2						
Non-Corrugated	45,005	49,896	-9.8	151,501 R	149,6[illegible]	1.2						
Gas Distribution	18,637	17,115	8.9	59,232 R	53[illegible]	11.2						
Water	9,377	D11		31,241	D[illegible]							
Industrial/Sewer	14,645	D11		51,850 R	[illegible]							
All Other Non-Corrugated Pipe	2,346	32,781	N/C	9,178	[illegible],376	N/C						
Other Extruded Products	9,973	6,729	48.2	35,456 R	27,969	26.8						
Rotomolding	8,611	7,053	22.1	35,924	24,026	49.5						
Reseller & Compounders, Total	81,065	72,498	11.8	297,703 R	254,672	16.9						
Resellers	75,442	68,081	10.8	279,009 R	238,814	16.8						
Compounders	5,623	4,417	27.3	18,694	15,858	17.9						
All Other HDPE	31,914	28,740	11.0	93,569 R	97,526	-4.1						

D9 = Disclosure: Included in All Other Retail Bags.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
(5) = Sales include imports.
N/C = Not Comparable.
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYPROPYLENE, TOTAL (6)	711,750	667,738	6.6	2,690,440	2,744,121	-2.0	665,774	N/A		2,722,245	N/A	
Imports, Total							2,887	N/A		8,636	N/A	
Exports, Total	128,212	117,337	9.3	559,702	522,469	7.1						
Domestic, Total	583,538	550,401	6.0	2,130,738	2,221,652	-4.1	662,887	695,830	-4.7	2,714,009	2,749,283	-1.3
Injection Molding, Total	171,637	167,773	2.3	627,754	663,743	-5.4						
Appliances	14,466	15,018	-3.7	52,755	62,912	-16.1						
Consumer Products	58,081	56,895	2.1	225,011	214,041	5.1						
Rigid Packaging	61,221	55,948	9.4	216,319	228,147	-5.2						
Transportation	22,280	24,063	-7.4	75,165	97,014	-22.5						
All Other Injection Molding	15,589	15,849	-1.6	58,504	61,629	-5.1						
Blow Molding	12,902	11,967	7.8	51,558	49,114	5.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	64,530	48,501	33.0	225,070	194,409	15.8						
Oriented Film	50,535	38,749	30.4	171,274	154,742	10.7						
Non-Oriented Film	13,995	9,752	43.5	53,796	39,667	35.6						
Sheet (Over 10 Mils), Total	10,035	12,190	-17.7	41,054	46,310	-11.3						
Packaging	5,136	D		24,110	D							
Non-Packaging	4,899	D		16,944	D							
Extrusion Coating	2,495	803	210.7	7,140	6,853	4.2						
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	178,251	181,200	-1.6	640,064	709,206	-9.7						
Textile Applications	170,574	168,338	1.3	605,455	662,158	-8.6						
Nonwovens	54,404	53,492	1.7	192,670	202,891	-5.0						
Monofilament & Multifilament Fibers	62,627	59,966	4.4	217,814	242,135	-10.0						
Slit Film Fibers	53,543	54,880	-2.4	194,971	217,132	-10.2						
Non-Textile Monofilaments	7,677	12,862	-40.3	34,609	47,048	-26.4						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	7,054	10,200	-30.8	26,008	39,347	-33.9						
Resellers/Distributors/Compounders, Total	127,305	114,523	11.2	489,855	495,125	-1.1						
Resellers	47,242	41,536	13.7	199,089	198,652	0.2						
Distributors	31,363	26,334	19.1	107,981	116,181	-7.1						
Compounders	48,700	46,653	4.4	182,785	180,292	1.4						
All Other Uses	9,329	3,244	187.6	22,235	17,545	26.7						

D5 = Disclosure: Included in Other Extruded Products.
(6) = Sales Include Imports.

N/A = Not Available
D = Disclosure

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYSTYRENE RESINS, TOTAL	419,400	406,689	3.1	1,530,048	1,719,486	-11.0	385,202	414,461	-7.1	1,546,173	1,648,662	-6.2
Crystal (Solid) Polystyrene	155,700	220,128	N/C	b11,991	922,333	N/C	146,986	157,197	-6.5	617,068	645,117	-4.3
Rubber Modified Polystyrene	202,279	186,561	8.4	712,330	797,153	-10.6	186,065	190,657	-2.4	719,569	755,160	-4.7
Expandable Polystyrene	61,421	D13		205,727	D13		52,151	66,607	-21.7	209,536	248,385	-15.6
Exports, Total	21,123	10,708	97.3	79,812	53,440	49.3						
Crystal (Solid) Polystyrene	3,975	6,021	N/C	27,868	29,943	N/C						
Rubber Modified Polystyrene	9,399	4,687	100.5	30,263	23,497	28.8						
Expandable Polystyrene	7,749	D13		21,681	D13							
Domestic, Total	398,277	395,981	0.6	1,450,236	1,666,046	-13.0						
Molding	137,350	135,959	1.0	504,449	574,720	-12.2						
Extrusion	188,703	192,397	-1.9	713,303	810,945	-12.0						
Expandable Polystyrene	53,672	57,039	-5.9	184,046	230,877	-20.3						
Block	20,858	21,042	-0.9	66,191	86,096	-23.1						
Shape	12,232	12,640	-3.2	41,741	51,264	-18.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	20,582	23,357	-11.9	76,114	93,517	-18.6						
All Other Uses	18,552	10,586	75.3	48,438	49,504	-2.2						
Polystyrene End-Uses, Total	398,277	395,981	0.6	1,450,236	1,666,046	-13.0						
Packaging & One Time Use	145,473	155,052	-6.2	559,952	653,201	-14.3						
Consumer & Institutional Products	45,143	44,515	1.4	166,706	188,298	-11.5						
Electrical/Electronics	60,547	55,028	10.0	211,786	227,412	-6.9						
Furniture,Furnishings,Bldg. & Construction	21,629	22,943	-5.7	80,374	97,230	-17.3						
Expandable Polystyrene	53,672	57,039	-5.9	184,046	230,877	-20.3						
Resellers and Compounders	63,018	46,412	35.8	210,402	212,170	-0.8						
All Other End-Uses	8,795	14,992	-41.3	36,970	56,858	-35.0						

D6 = Disclosure: Included in Other EPS

D13 = Disclosure: Included in Crystal (Solid) Polystyrene

N/C – Not Comparable

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	99,899	110,277	-9.4	342,423	397,451	-13.8	74,160	110,913	-33.1	323,514	373,478	-13.4
SAN (STYRENE-ACRYLONITRILE), TOTAL	8,372	11,833	-29.2	36,695	41,531	-11.6	8,257	10,786	-23.4	37,923	41,448	-8.5
Total Exports	1,834	4,245	-56.8	11,995	12,898	-7.0						
Total Domestic	6,538	7,588	-13.8	24,700	28,633	-13.7						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,258	13,418	-1.2	48,689	52,355	-7.0	11,283	12,658	-10.9	45,213	49,127	-8.0
ABS, SAN, & OTHER STYRENICS, TOTAL	121,529	135,528	-10.3	427,807	491,337	-12.9	93,700	134,357	-30.3	406,650	464,053	-12.4
Total Exports	15,528	20,523	-24.3	71,218	69,885	1.9						
Total Domestic	106,001	115,005	-7.8	356,589	421,452	-15.4						
Electrical/Electronics	D2	D2		D2	D2							
Building & Construction	10,664	14,677	-27.3	34,973	55,042	-36.5						
Transportation	31,377	36,545	-14.1	102,948	128,891	-20.1						
Consumer & Institutional	15,327	13,735	11.6	50,673	54,503	-7.0						
All Other Uses	48,633	50,048	-2.8	167,995	183,016	-8.2						
STYRENE BASED LATEXES, TOTAL*	95,580	94,678	1.0	347,434	365,944	-5.1	87,829	90,641	-3.1	327,514	350,601	-6.6
Carpet Backing	35,804	34,737	3.1	126,136	134,947	-6.5						
All Other Uses	59,776	59,941	-0.3	221,298	230,997	-4.2						
NYLON RESINS, TOTAL(6)	49,470	47,024	5.2	196,526	183,072	7.3	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	5,922	4,587	29.1	28,294 R	20,672	36.9						
Domestic, Total	43,548	42,437	2.6	168,232 R	162,400	3.6	46,917	47,024	-0.2	181,172	186,600	-2.9
Injection Molding Grade	26,161	25,178	3.9	101,833 R	95,100	7.1						
Extrusion Grade	12,778	13,070	-2.2	50,888 R	51,584	-1.3						
Resellers & Compounders	3,371	3,543	-4.9	11,730	13,166	-10.9						
All Other Uses	1,238	646	91.6	3,781	2,550	48.3						
Nylon End-Uses, Total	43,548	42,437	2.6	168,232 R	162,400	3.6						
Automotive and Truck	15,289	14,641	4.4	58,671 R	53,078	10.5						
Electrical and Electronic	5,173	4,987	3.7	19,796	20,269	-2.3						
Appliances	1,528	1,191	28.3	5,695	4,382	30.0						
Film and Coating	5,827	6,130	-4.9	24,591	23,827	3.2						
Wire and Cable	2,833	2,877	-1.5	10,830 R	12,086	-10.4						
Monofilament	1,975	1,597	23.7	7,405	7,578	-2.3						
Consumer	1,932	1,658	16.5	7,285 R	6,316	15.3						
Industrial/Machinery	3,921	3,585	9.4	15,205 R	14,902	2.0						
All Other End-Uses	5,070	5,771	-12.1	18,754	19,962	-6.1						

* – Styrene Based Latexes Sales include some Canadian produced material.
D2 = Disclosure: Included in All Other Uses.
R = Revision

N/A = Not Available.
(6) – Includes sales from imports.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT)	744,658	789,271	-5.7	2,843,743	3,092,465	-8.0	680,727	776,055	-12.3	2,786,421	3,016,462	-7.6
Homopolymer Resins, Including Blending & Latex	684,696	729,021	-6.1	2,623,178	2,858,404	-8.2	615,792	713,009	-13.6	2,538,087	2,766,588	-8.3
Copolymer Resins, Including Blending & Latex	15,629	18,101	-13.7	57,258	74,087	-22.7	22,776	19,508	16.8	79,617	74,412	7.0
Dispersion Resins	44,333	42,149	5.2	163,307	159,974	2.1	42,159	43,538	-3.2	168,717	175,462	-3.8
Exports, Total	123,501	76,584	61.3	518,850	328,767	57.8						
Domestic, Total	621,157	712,687	-12.8	2,324,893	2,763,698	-15.9						
Calendering, Total	80,029	88,166	-9.2	317,583	341,696	-7.1						
Flooring	18,429	20,444	-9.9	65,626	77,422	-15.2						
Textile	7,921	10,301	-23.1	34,438	38,703	-11.0						
All Other Calendering Uses	53,679	57,421	-6.5	217,519	225,571	-3.6						
Coating, Total	25,521	30,001	-14.9	98,757	110,695	-10.8						
Flooring	11,400	12,366	-7.8	47,176	46,718	1.0						
Textile and Paper Coating	8,140	8,962	-9.2	29,435	31,477	-6.5						
Protective Coatings	3,276	4,450	-26.4	12,808	16,658	-23.1						
Adhesives & All Other Coating Uses	2,705	4,223	-35.9	9,338	15,842	-41.1						
Extrusion, Total	423,625	487,829	-13.2	1,557,327	1,875,044	-16.9						
Wire and Cable	30,647	34,085	-10.1	113,491	137,668	-17.6						
Film and Sheet, Packaging	22,614	27,296	-17.2	89,024	113,446	-21.5						
Film and Sheet, Non-Packaging	4,089	3,122	31.0	16,135	15,636	3.2						
Siding, Siding Acc. & Mobile Home Skirting	63,414	77,097	-17.7	239,393	285,955	-16.3						
Rigid Pipe and Tubing (except fittings)	255,780	300,425	-14.9	929,372	1,123,403	-17.3						
Extruded Windows and Doors	8,385	N/A		31,667	N/A							
All Other Extrusion Uses	38,696	45,804	N/C	138,245	198,936	N/C						
Molding, Total	40,043	46,017	-13.0	152,413	179,918	-15.3						
Bottles	18,310	19,699	-7.1	67,014	76,097	-11.9						
Fittings (Rigid Pipe and Tubing)	15,637	15,262	2.5	60,894	55,550	9.6						
All Other Molding Uses	6,096	11,056	-44.9	24,505	48,271	-49.2						
Paste Processes (except coating), Total	17,044	15,345	11.1	59,509	59,358	0.3						
Plastisol Formulation	8,765	7,976	9.9	33,184	31,612	5.0						
All Other Paste Process Uses	8,279	7,369	12.3	26,325	27,746	-5.1						
Resellers & Compounders	30,579	31,626	-3.3	121,340	126,776	-4.3						
All Other Uses	4,316	13,703	-68.5	17,964	70,211	-74.4						

N/A - Not Available

N/C = Not Comparable

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1991	1990	% CHG	1991	1990	%CHG	1991	1990	% CHG	1991	1990	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	14,40[illegible]	14,583	-1.2	58,038	65,544	-11.5	12,695	17,510	-27.5	59,594	78,593	-24.2
Exports, Total	5,749	4,903	17.3	26,306	23,004	14.4						
Domestic, Total	8,656	9,680	-10.6	31,732	42,540	-25.4						
THERMOPLASTIC POLYESTER, TOTAL (6)	188,887	159,980	18.1	654,176	608,355	7.5	179,261	167,856	6.8	640,809	604,569	6.0
Exports, Total	44,582	27,369	62.9	171,812	113,045	52.0						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	144,305	132,611	8.8	482,364	495,310	-2.6						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	93,489	89,653	4.3	326,360	343,768	-5.1						
PET/PBT Resellers & Compounders	N.R.4	N.R.4		N.R.4	N.R.4							
All Other Thermoplastic Polyester	50,816	42,958	18.3	156,004	151,542	2.9						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

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FOR THE MONTH AND PERIOD ENDED
MARCH 31, 1991

DATA FOR CALCULATING APPARENT CONSUMPTION OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: June 13, 1991

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1)

CRS

MARCH 1991

RESIN KIND	MARCH				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	44.7	31.7	1.6	8.4	121.8 R	90.1	4.1	23.9
POLYESTER (UNSATURATED) RESINS, TOTAL	81.3	79.9	0.9	9.0	247.2	243.3	2.1	24.2
UREA RESINS, TOTAL **	128.4	128.8	1.7	1.4	361.7	361.3	4.7	5.1
MELAMINE RESINS, TOTAL **	15.6	13.7	0.7	2.4	48.2	41.6	1.6	5.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	200.5	197.9	2.7	5.8	621.3 R	614.6 R	8.9	18.0
THERMOSETTING RESINS, TOTAL	470.5	452.0	7.6	27.0	1,400.2 R	1,350.9 R	21.4	76.8
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	605.2	477.7	10.7	85.3	1,787.4 R	1,357.4 R	35.9	254.8
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	356.8	319.0	67.7	67.5	1,031.1 R	954.8	175.9	165.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (6)	713.3	637.8	37.5	118.1	2,100.0 R	1,817.6 R	110.3	329.2
POLYPROPYLENE, TOTAL (6)	710.9	531.9	6.2	176.3	2,051.1	1,547.2	17.2	504.3
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	76.2	74.5	5.8	14.4	249.4 R	242.5 R	17.3	48.5
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	11.1	5.7	0.3	5.5	29.7 R	18.2 R	1.1	15.8
OTHER STYRENICS **	89.8	97.1	0.4	19.9	273.6 R	287.3 R	0.9	47.8
POLYSTYRENE RESINS, TOTAL	390.1	349.6	2.8	24.9	1,161.0	1,052.0	9.7	71.8
NYLON RESINS, TOTAL (6)	46.2	42.1	5.3	15.0	134.3	124.3	15.1	40.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	660.3	554.4	8.7	134.8	2,105.7	1,703.7	18.4	360.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								
OTHER VINYL RESINS	15.5	8.0	N/A	N/A	46.9	23.1 R	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	154.3	118.1	10.7	52.0	461.5	338.1 R	22.7	138.4
THERMOPLASTIC RESINS, TOTAL	3,829.7	3,215.9	156.1	713.7	11,431.7 R	9,466.2 R	424.5	1,977.2
GRAND TOTAL	4,300.2	3,667.9	163.7	740.7	12,831.9 R	10,817.1 R	445.9	2,054.0

(1) = Except phenolic resins which are reported on a gross weight basis.

(4) = The publishing of PVOH and PVAC data is temporarily suspended.

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

** = Domestic Sales include Exports.

(6) = Data includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available

R = Revision

Sources: Sales and Production – SPI Monthly Statistical Report

Imports – Bureau of the Census (IM 146)

Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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